



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Monday, October 1, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today and Tuesday

- Isolated heavy rain possible beginning today in **W NM** although it will mostly be welcome rainfall in drought stricken areas (no significant impacts expected).
- **By Tuesday**, isolated heavy rain/flash flooding will be possible in **NW NM**, especially in/around burn scar locations.

Wednesday - Friday

- No significant impacts expected.

River Flood Status

- Water will continue to drain from the **Nueces River**; continued inflows into **Lake Corpus**.

Tropical Outlook

- Tropical Storm **Leslie** is expected to meander over the **Central Atlantic** for much of this week. No impacts to **FEMA 6**.
- Tropical Storm **Rosa** will be moving towards the **Baja Peninsula** today and weakening. This system is expected to bring heavy rain into the **Southwest U.S.** this week. While much of the heavy rain should remain west of **Region 6**, some isolated heavy rain will be possible over **W NM**.
- Additional tropical cyclone formation is not expected over the next 5 days.

FEMA Region 6 Threat Matrix

Oct 1, 2018 – Oct 5, 2018



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DAY / THREAT	MON	TUE	WED	THU	FRI
Severe Storms					
Heavy Rain / Flash Flooding	W NM	NW NM			
Fire Weather					
Tropical Weather					
River Flooding	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)	

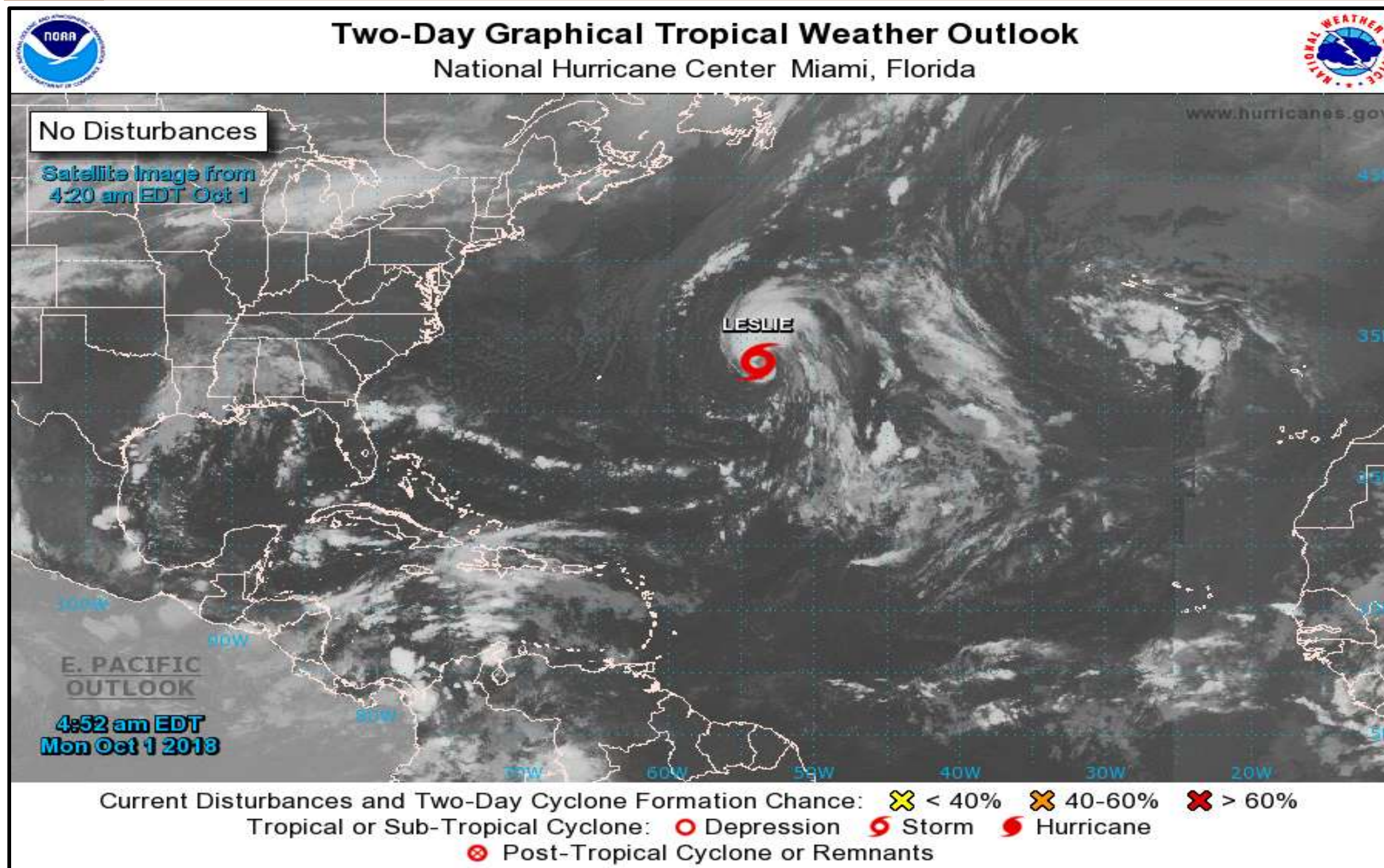
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf

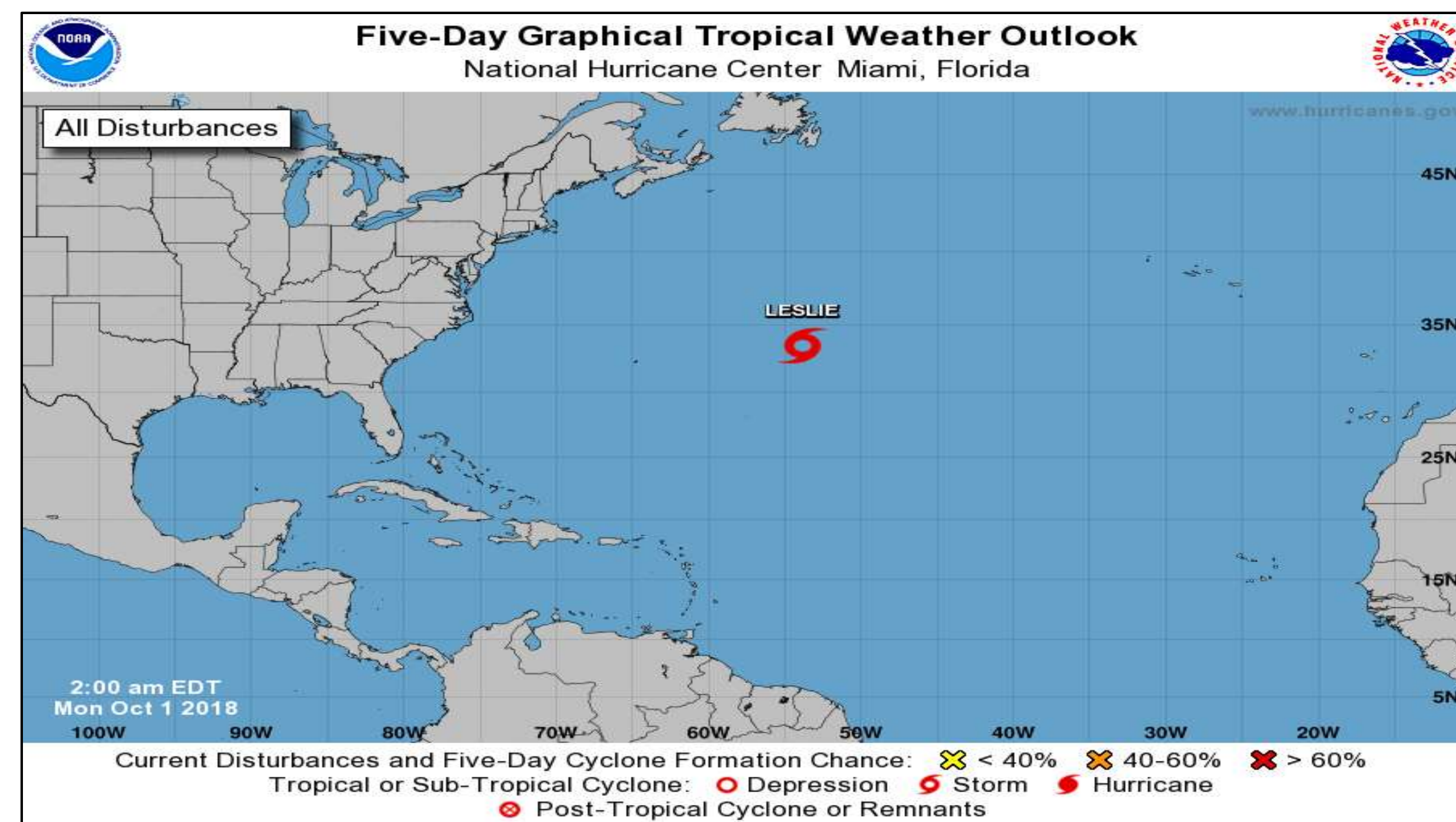


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See next slide for forecast information on Leslie.

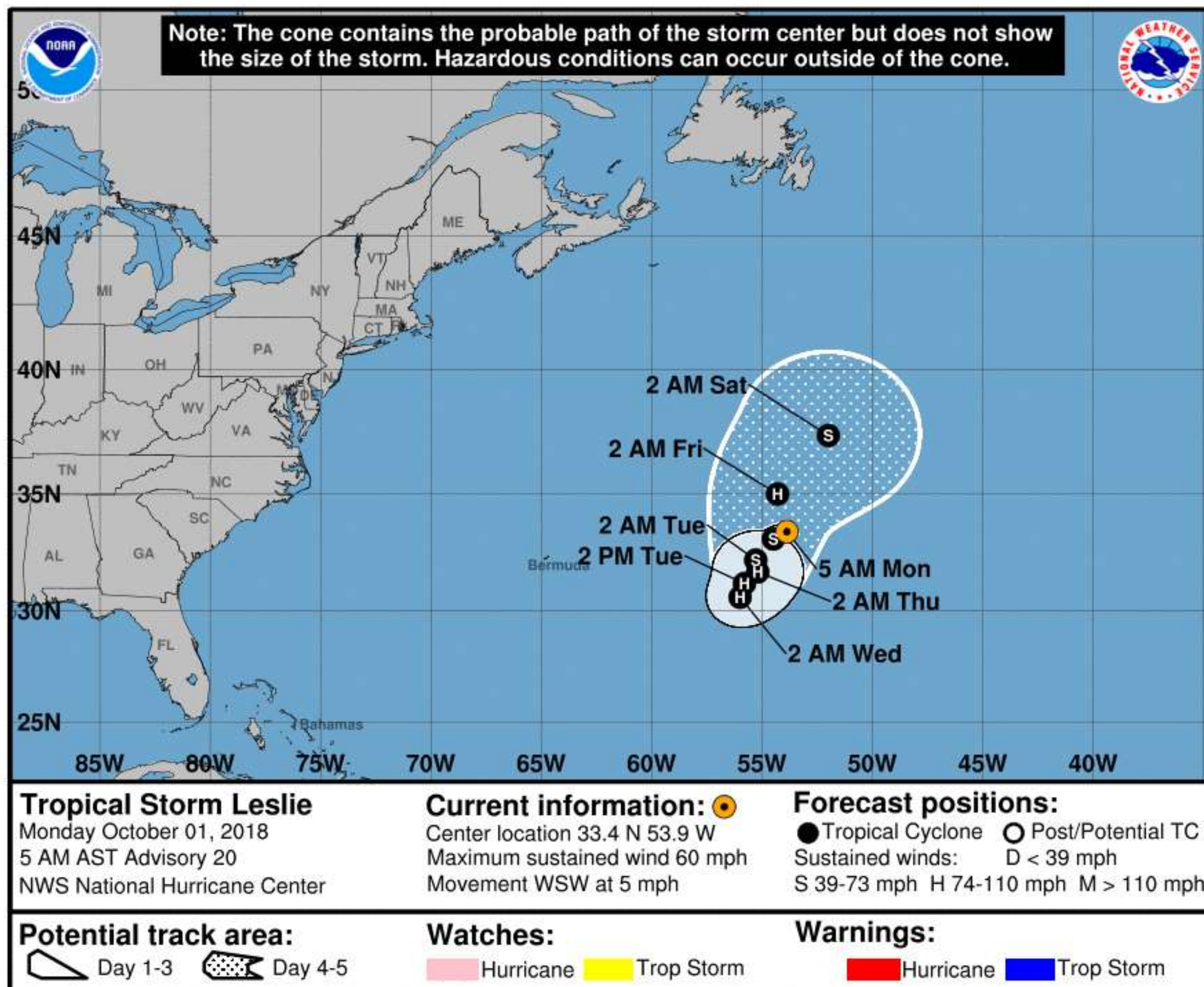
Additional tropical cyclone formation is not expected over the next 5 days.



Tropical Storm Leslie



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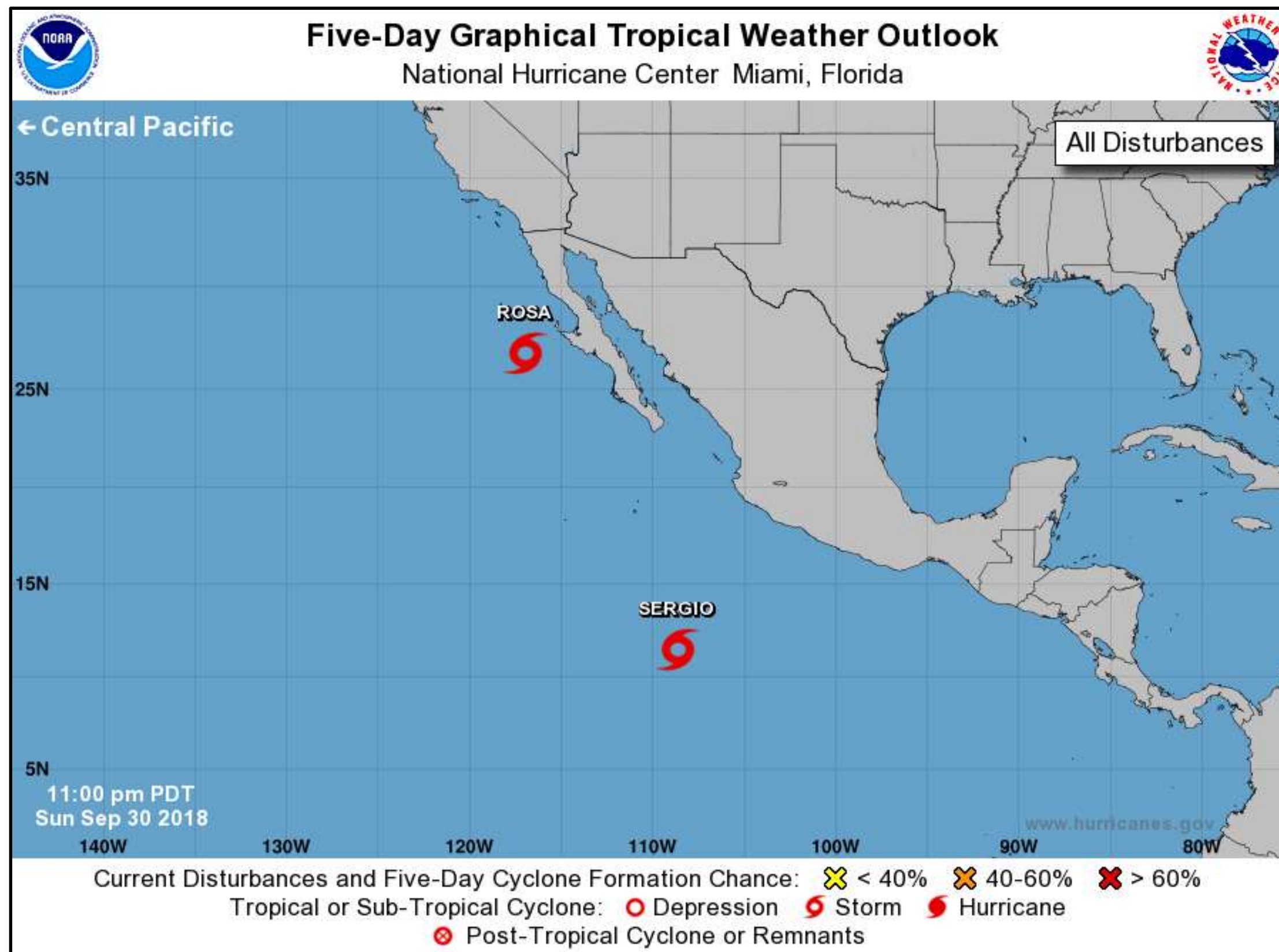


Tropical Storm Leslie is expected to meander over the Central Atlantic for much of this week. No impacts to FEMA 6.

TS Rosa & Tropical Weather Outlook – Pacific



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Tropical Storm Rosa will be moving towards the Baja Peninsula today and weakening. This system is expected to bring heavy rain into the Southwest U.S. this week. While much of the heavy rain should remain west of Region 6, some isolated heavy rain will be possible over W NM.



See next slide for forecast information on Tropical Storm Sergio.

Tropical Storm Sergio



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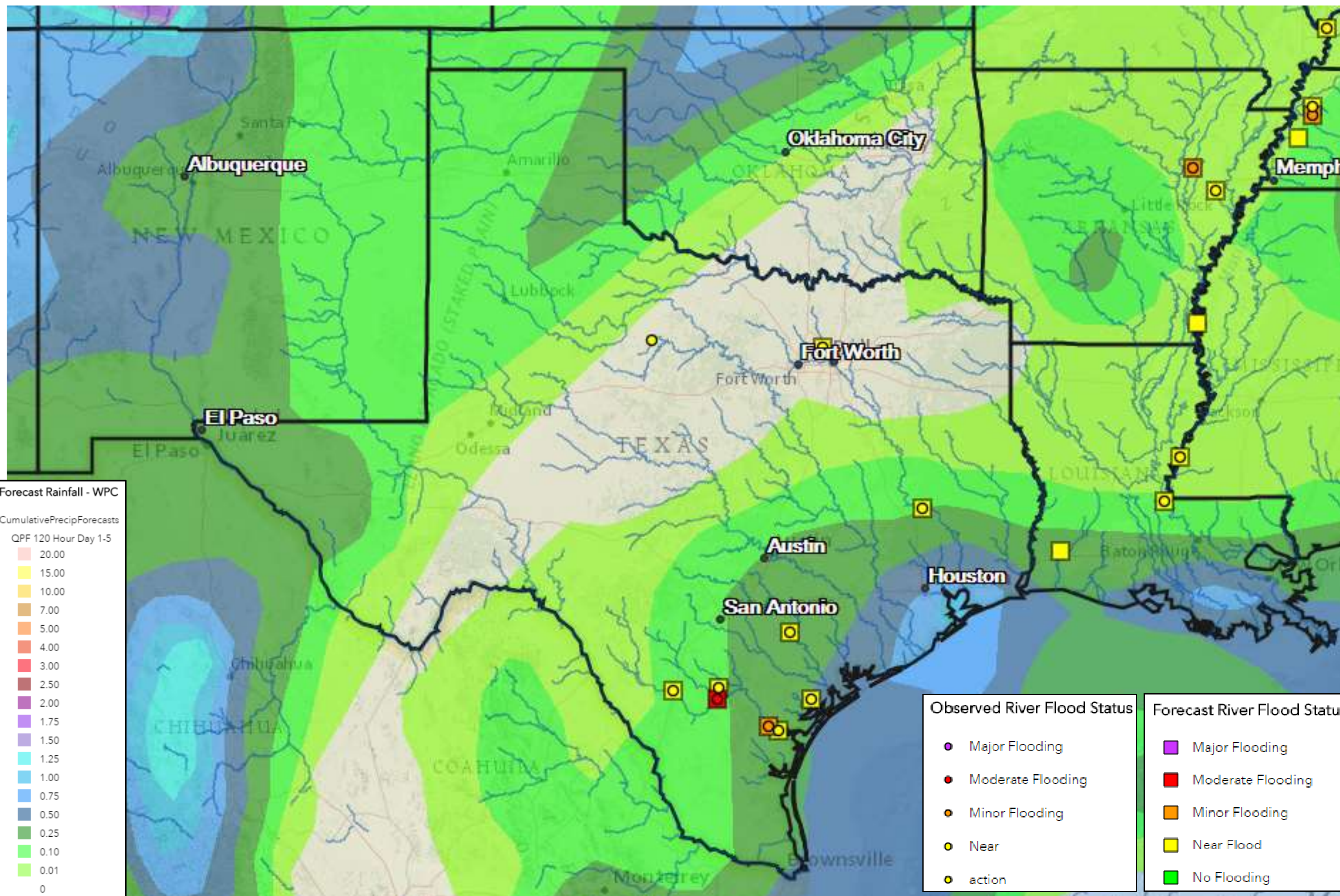
Tropical Storm Sergio Rosa is forecast to move west over the Eastern Pacific through the middle of next week. No impacts to FEMA 6.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Water will continue to drain from the Nueces River; continued inflows into Lake Corpus.

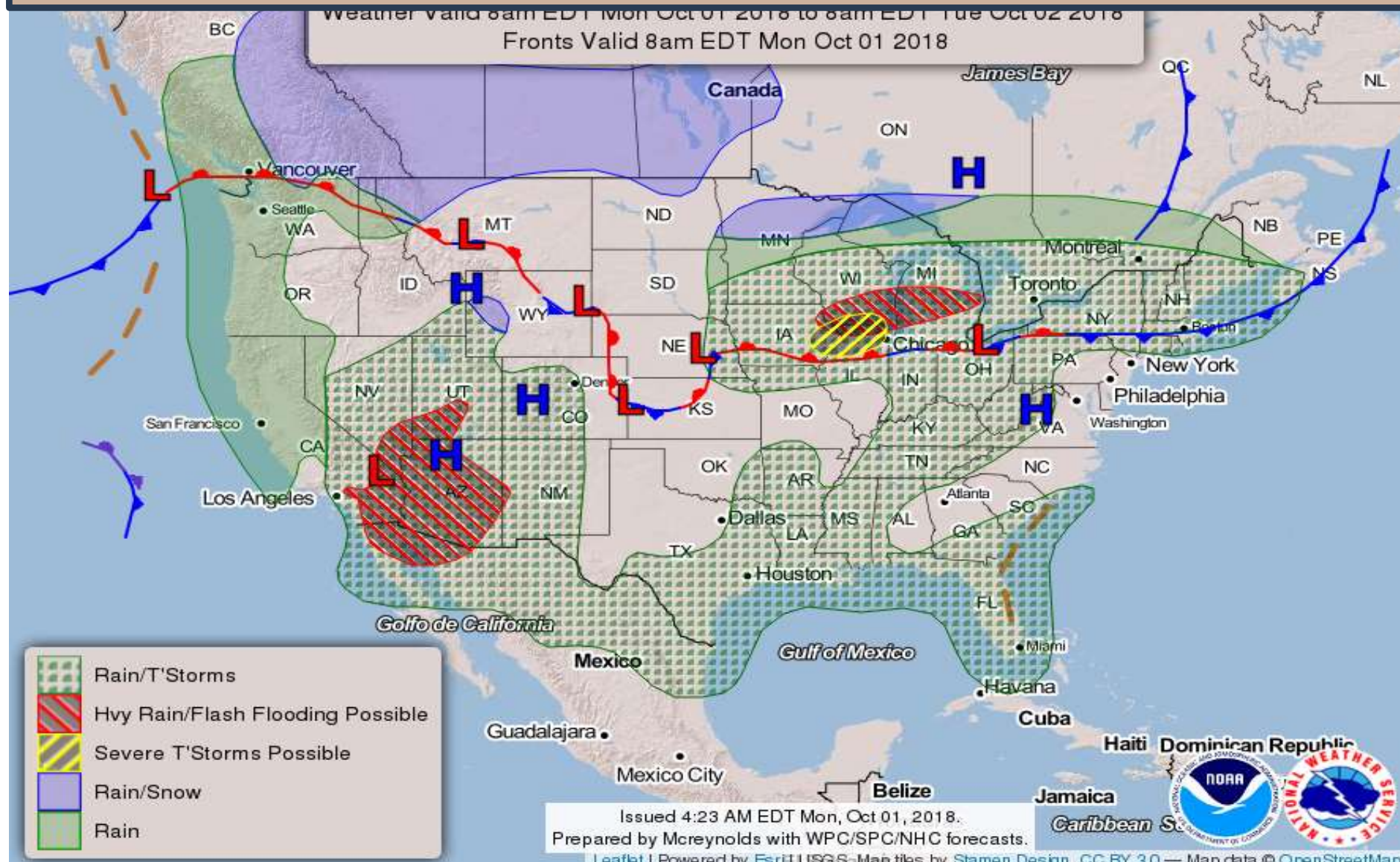
No additional river flooding is expected with the forecasted rainfall in the next five days; the majority of rainfall from Rosa will remain west of Region 6.

Today's Weather



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Forecast Chart

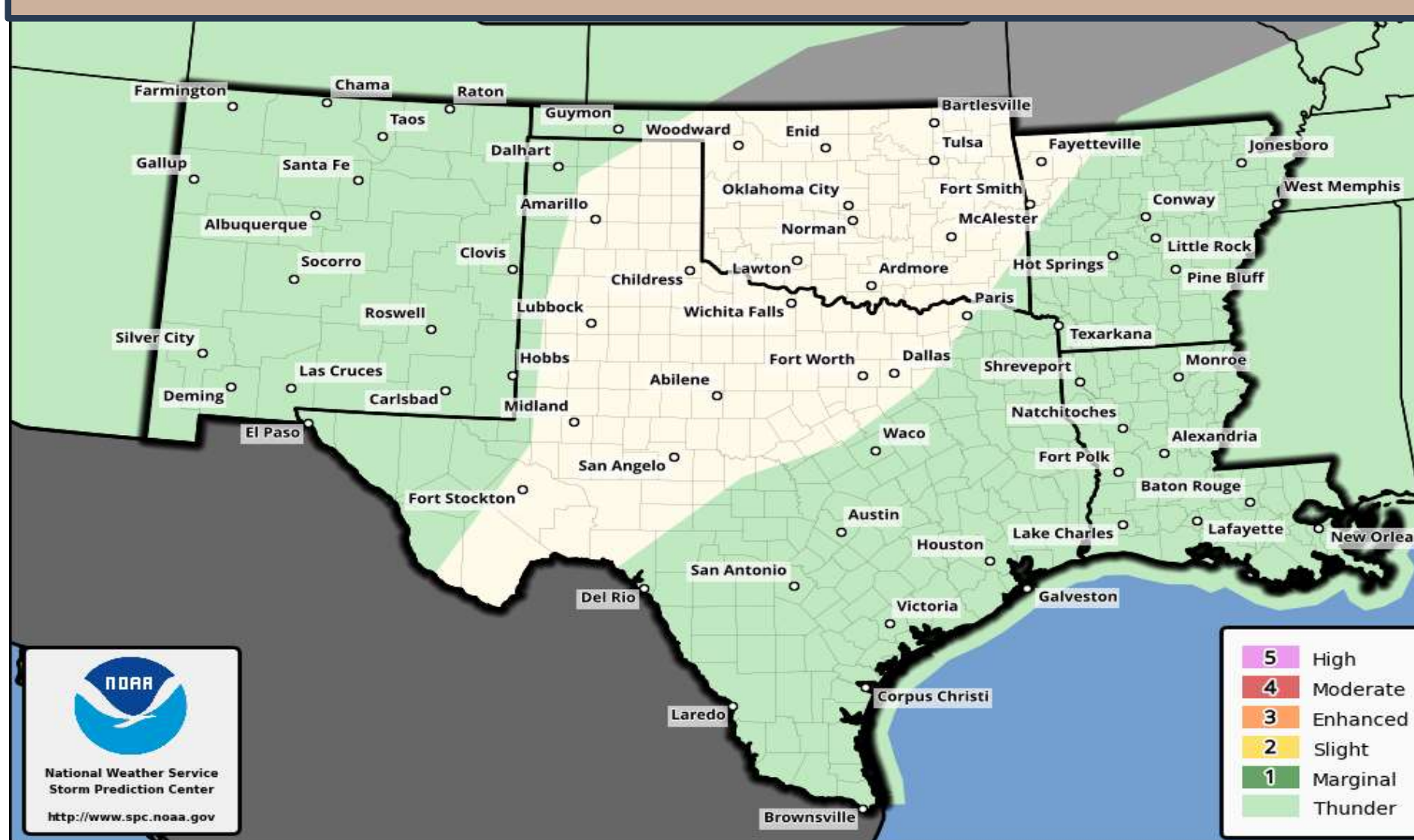


Forecast Rainfall



**Isolated heavy rain possible
in W NM although it will
mostly be welcome rainfall in
drought stricken areas (no
significant impacts
expected).**

Severe Weather Outlook



Excessive Rainfall Outlook

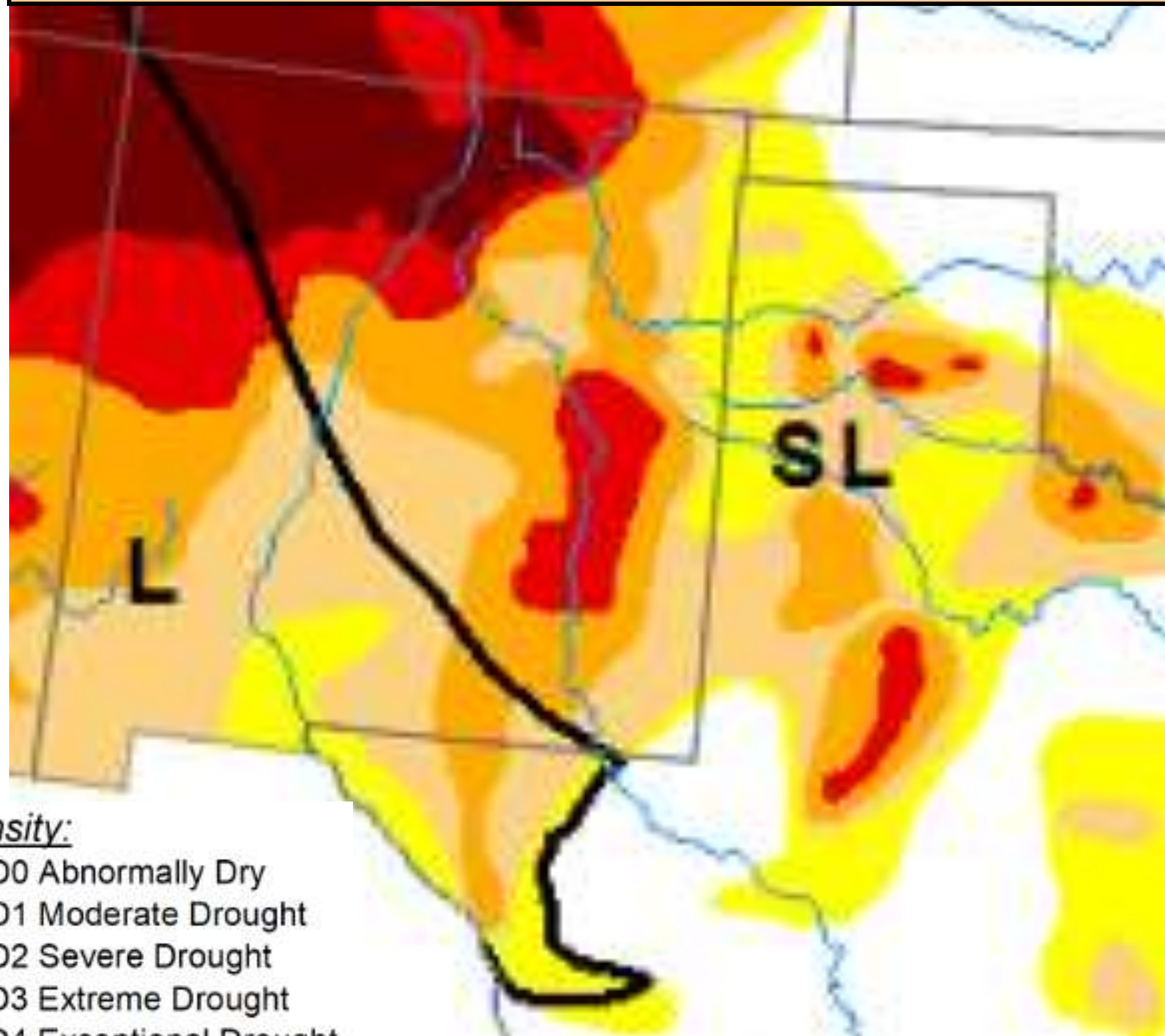


Some Drought Relief Possible?

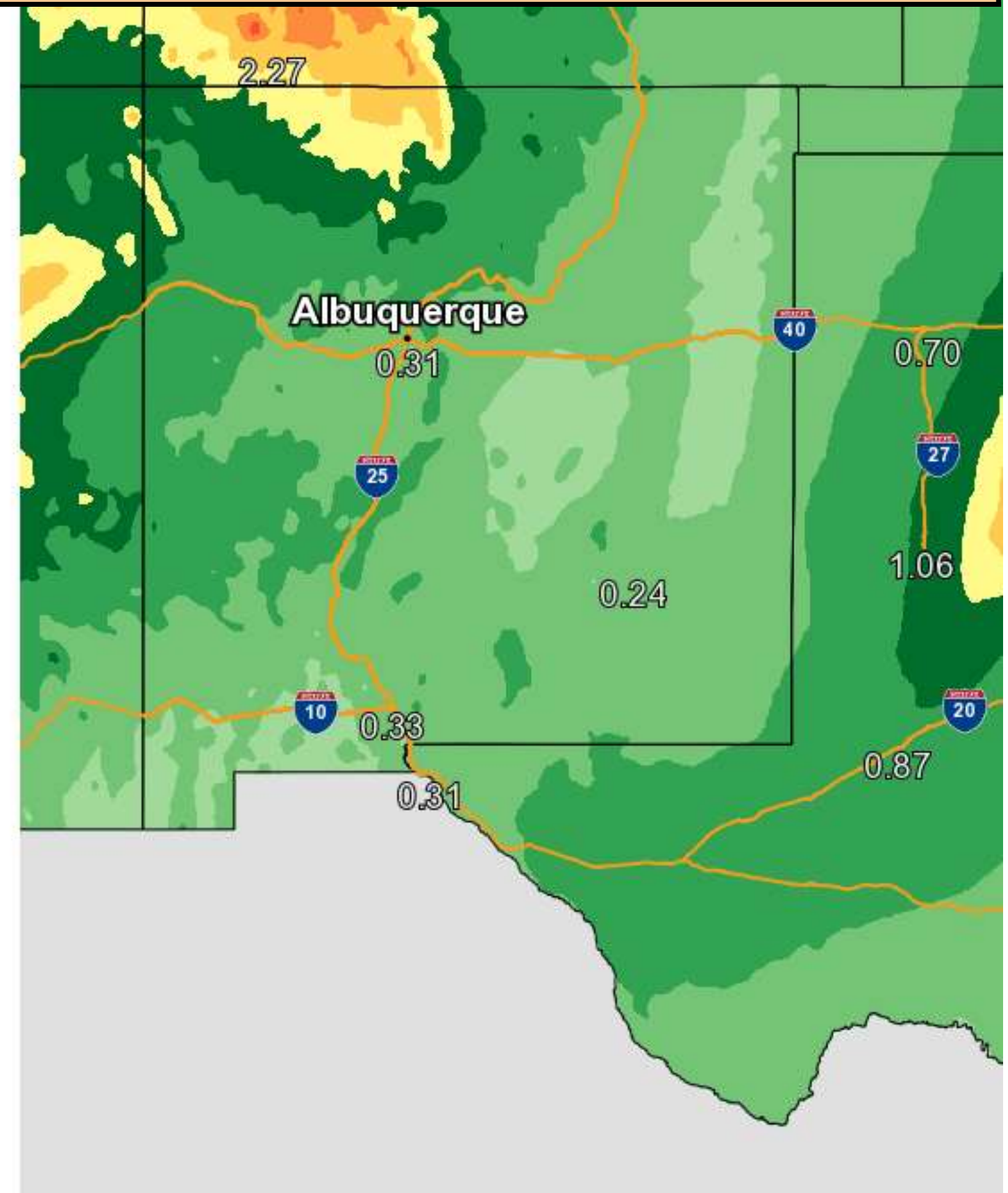


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Drought Status



Forecast Rainfall This Week



Graphic Created
October 1st, 2018
6:13 AM CDT

Tomorrow's Weather

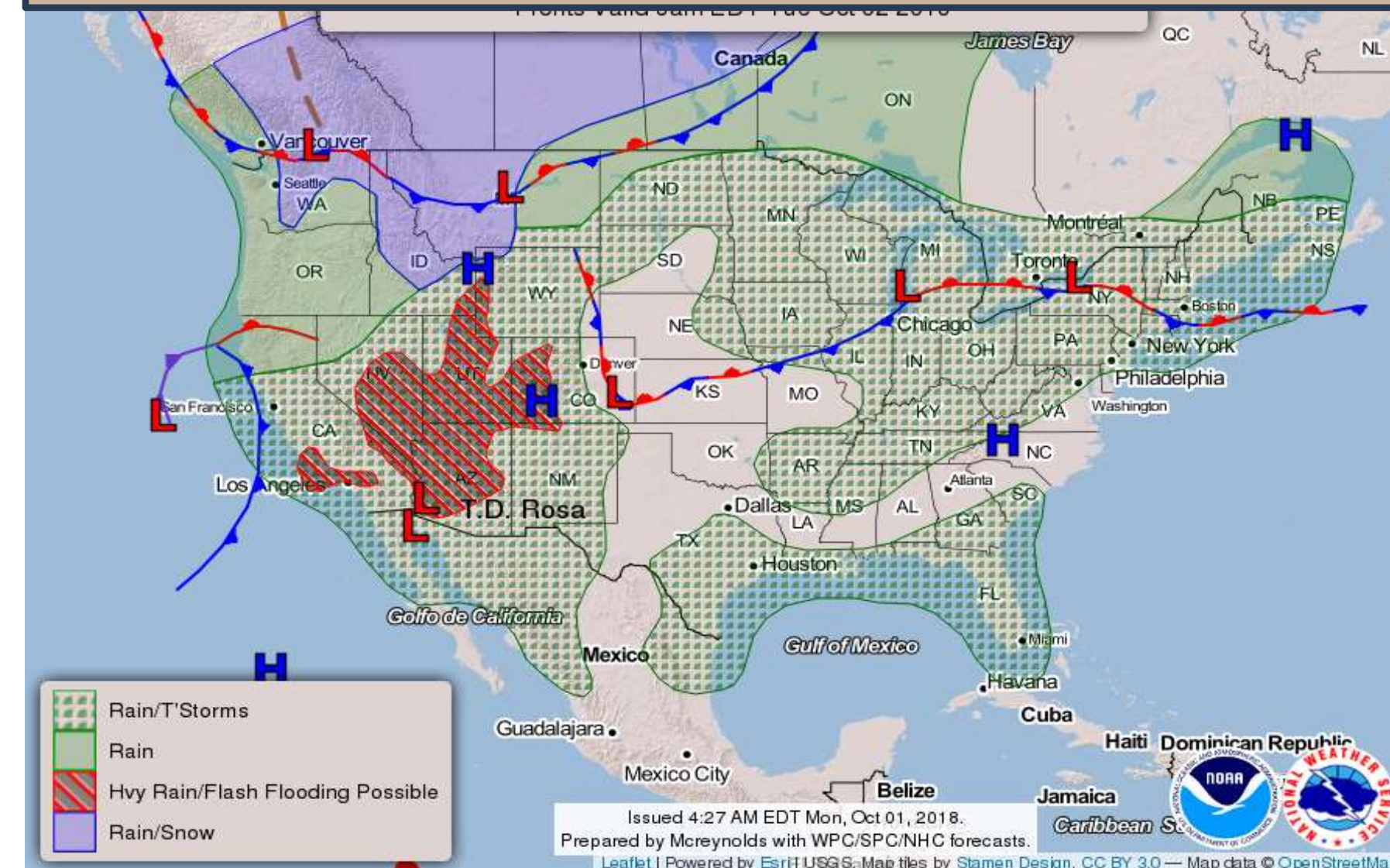


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Forecast Chart

Forecast Rainfall

Some isolated heavy rain/flash flooding possible in NW NM.

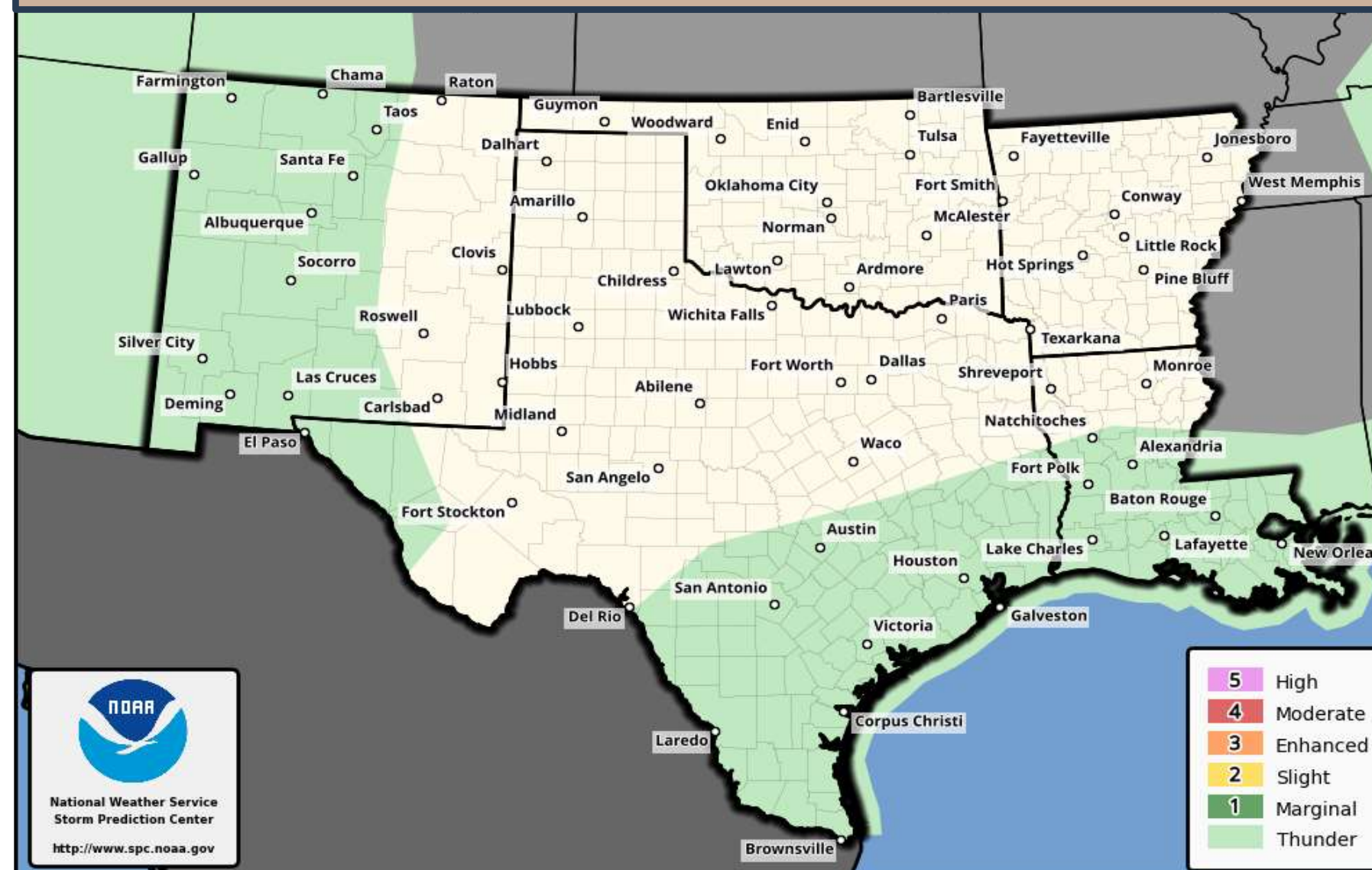


Graphic Created
October 1st, 2018
5:10 AM CDT



Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
October 1st, 2018
5:10 AM CDT



Wednesday's Weather

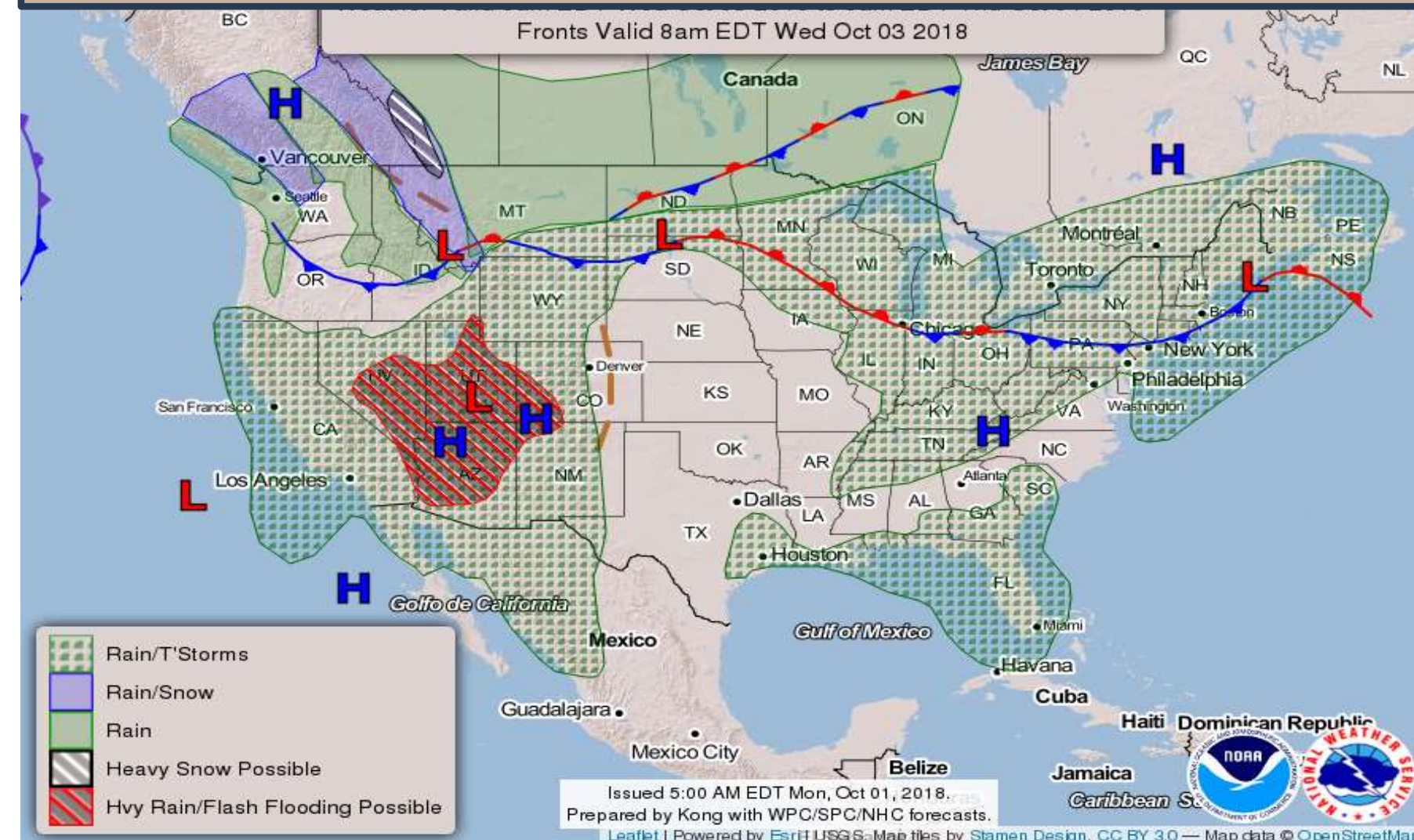


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Forecast Chart

Forecast Rainfall

No significant weather
expected.



Graphic Created
October 1st, 2018

Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
October 1st, 2018
AM CDT

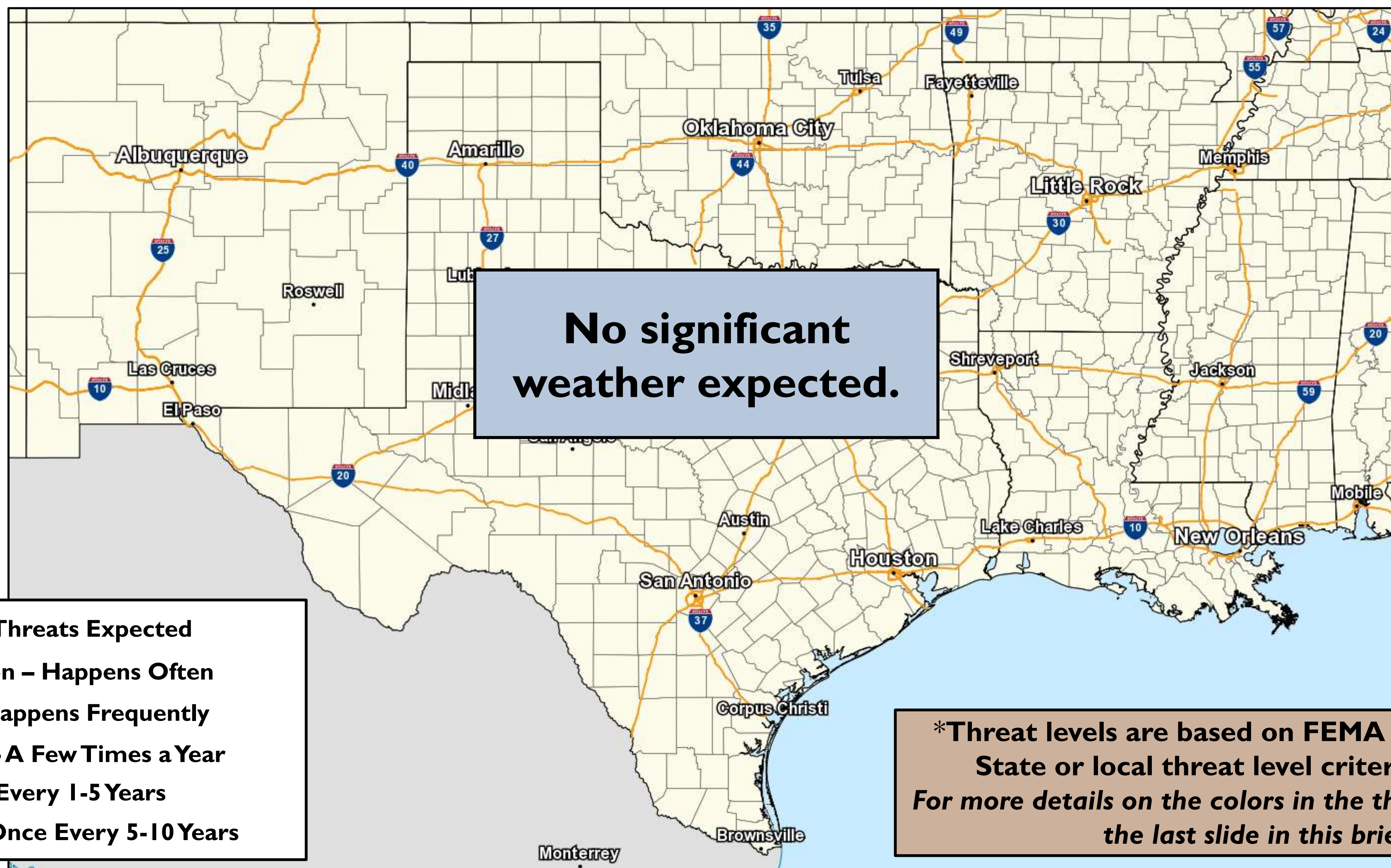


Days 4-5 Weather Hazards

Thursday - Friday



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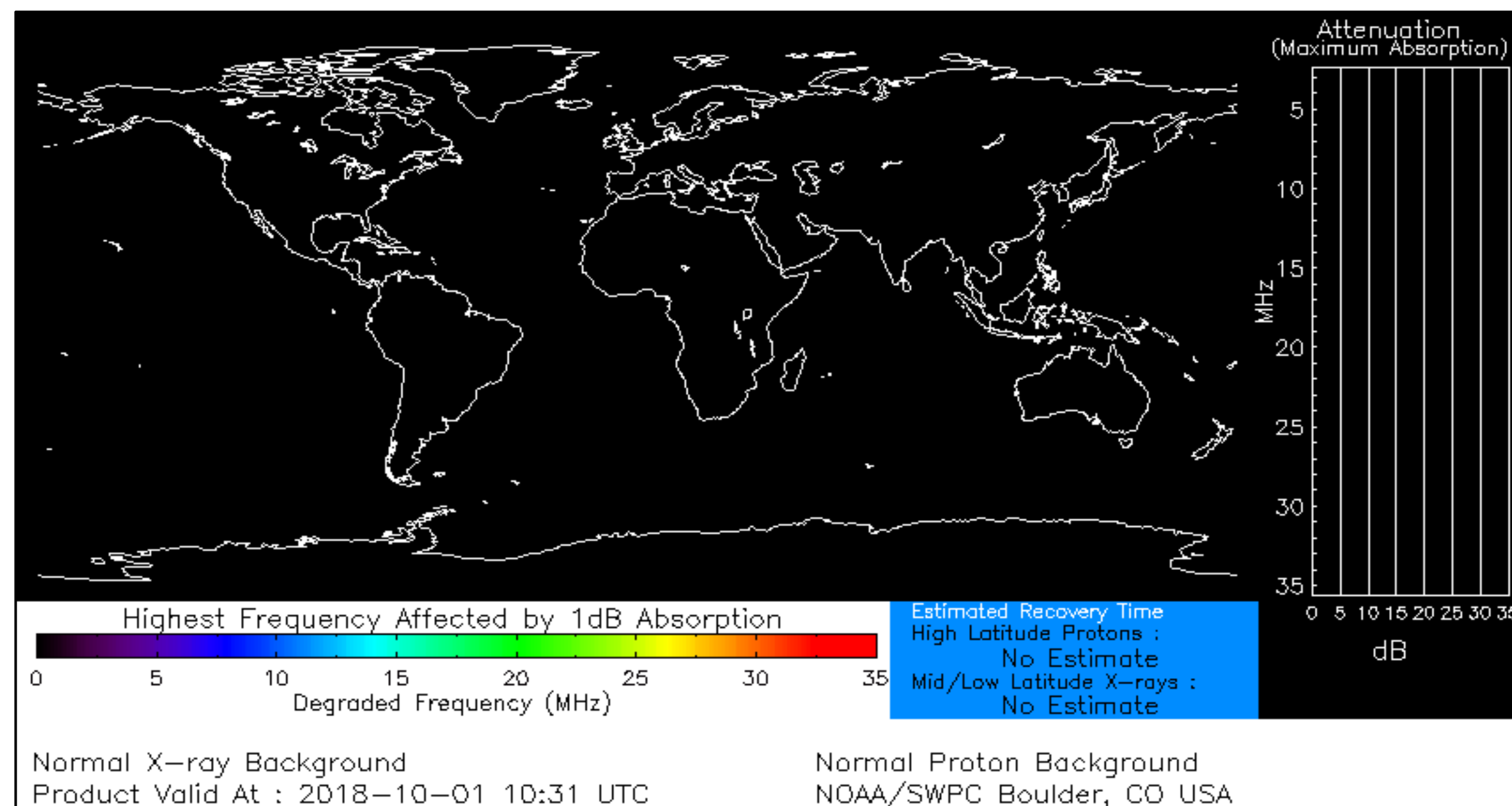


Space Weather 3-Day Forecast



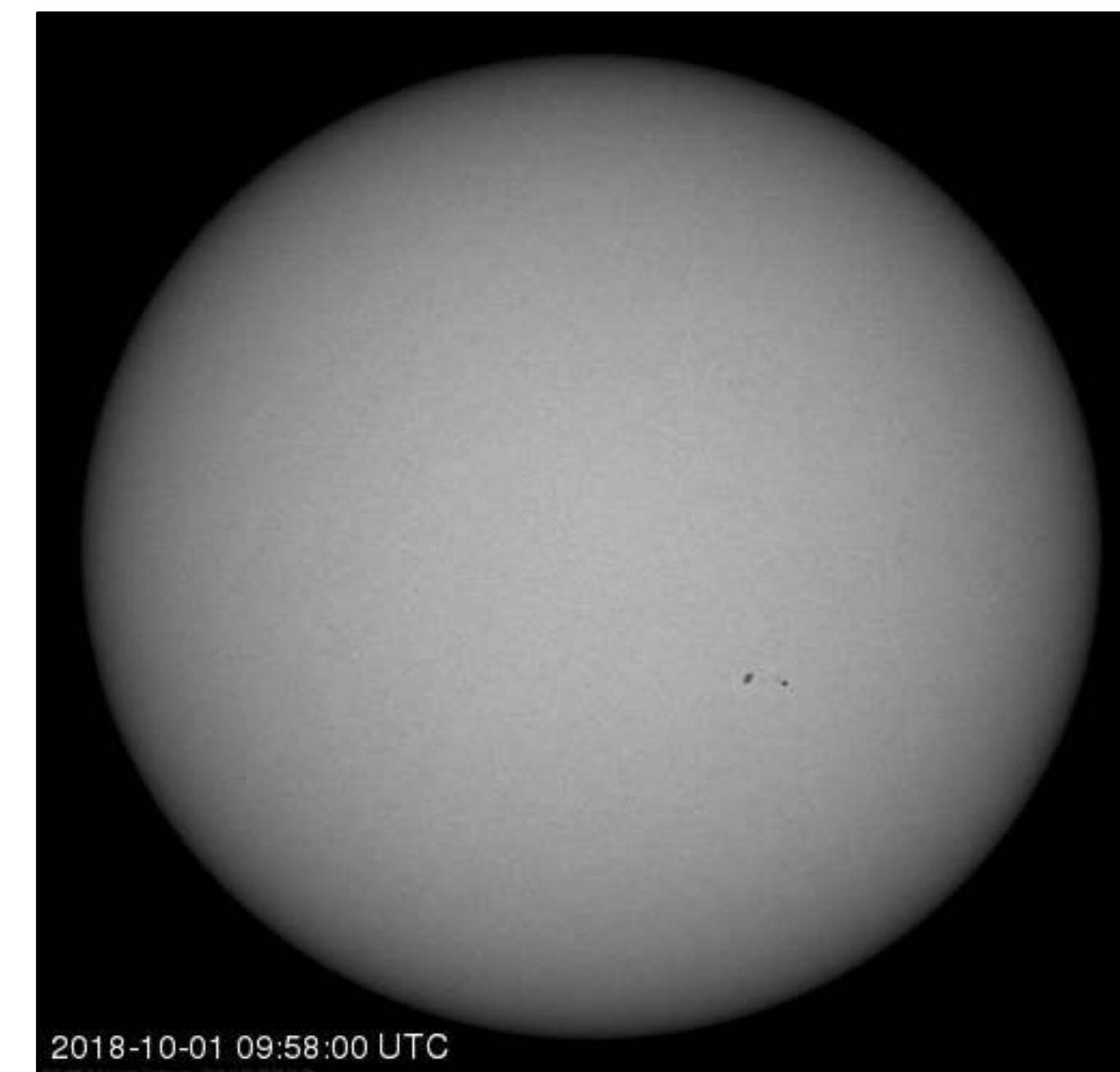
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Active (Max Kp = 4)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov